

Fig. 1

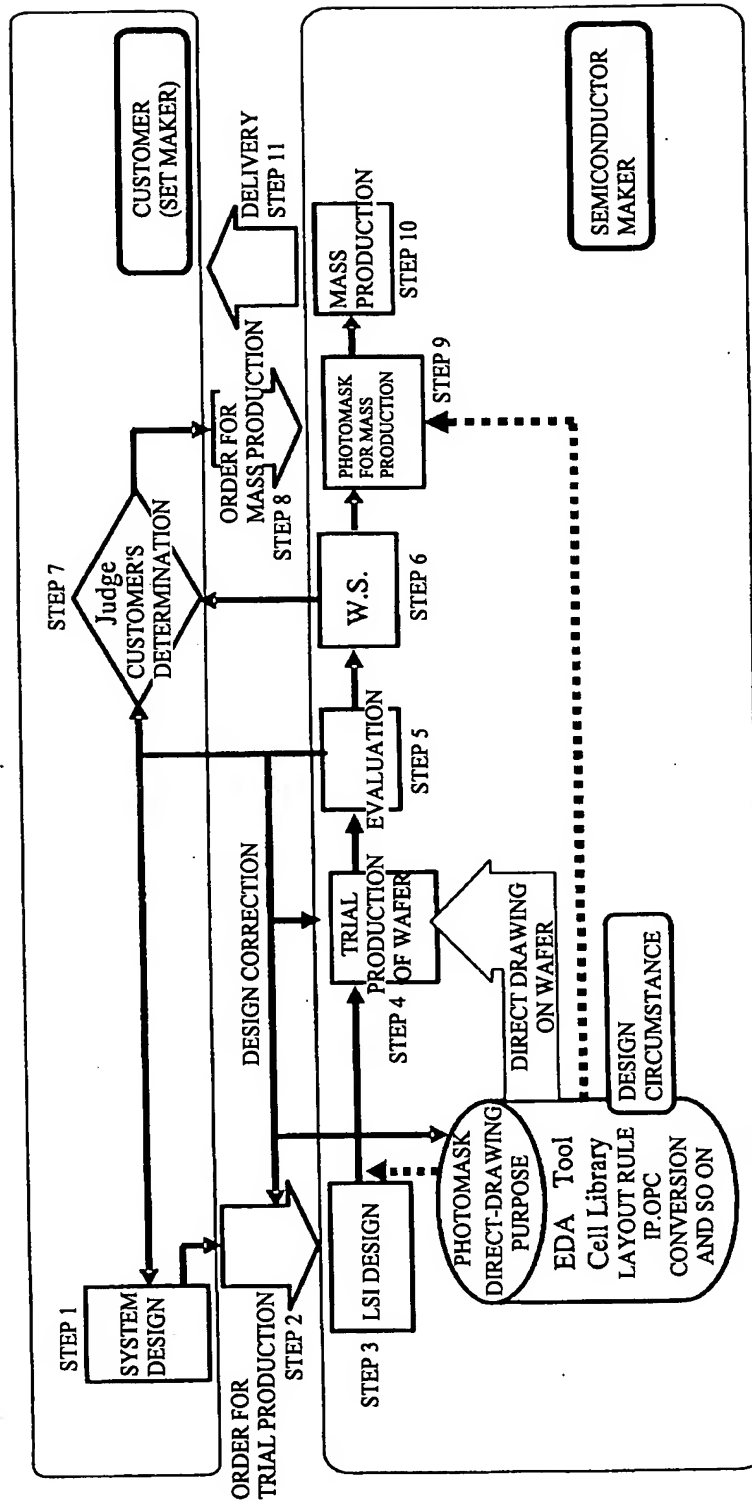


Fig. 2

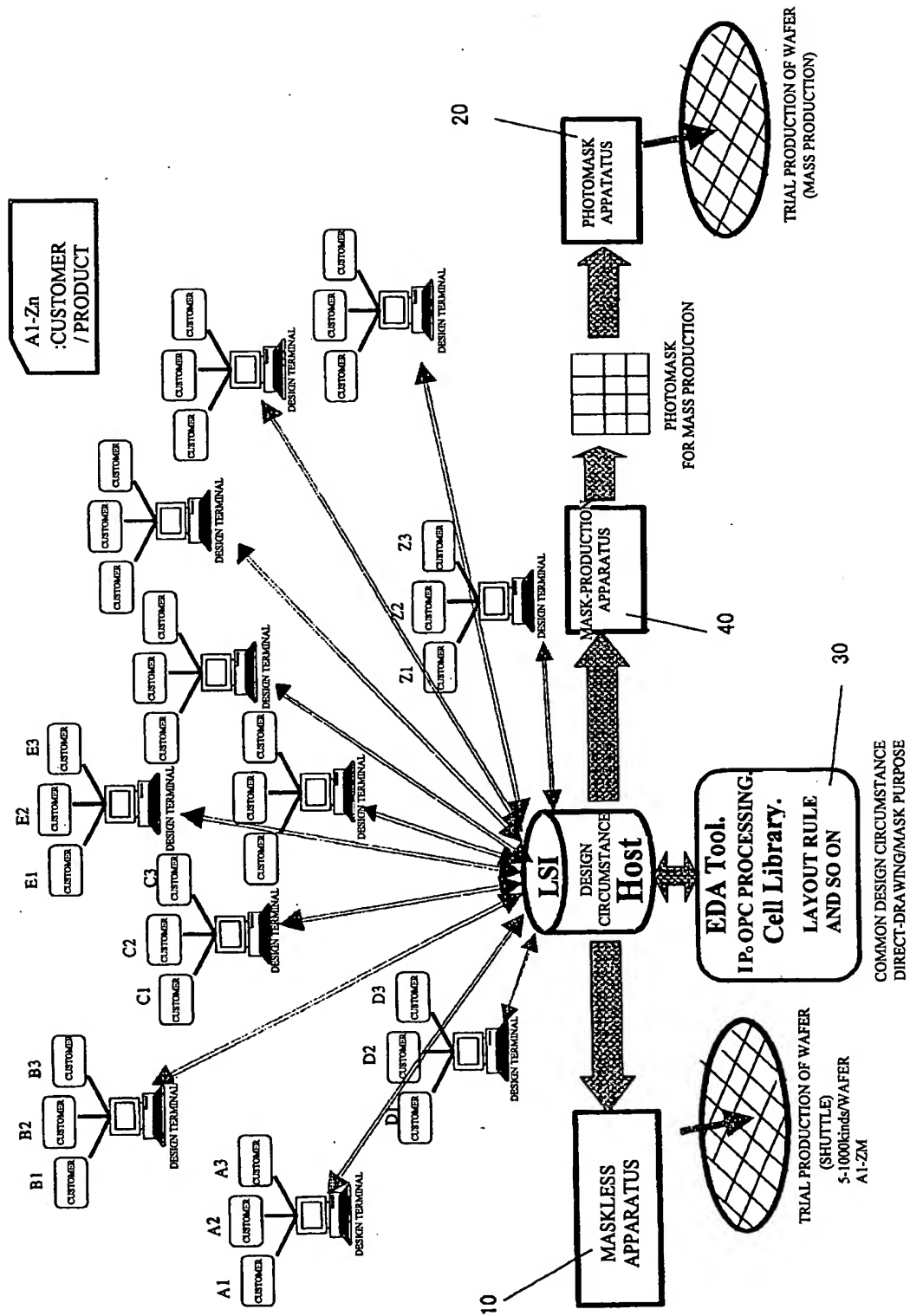


Fig. 3

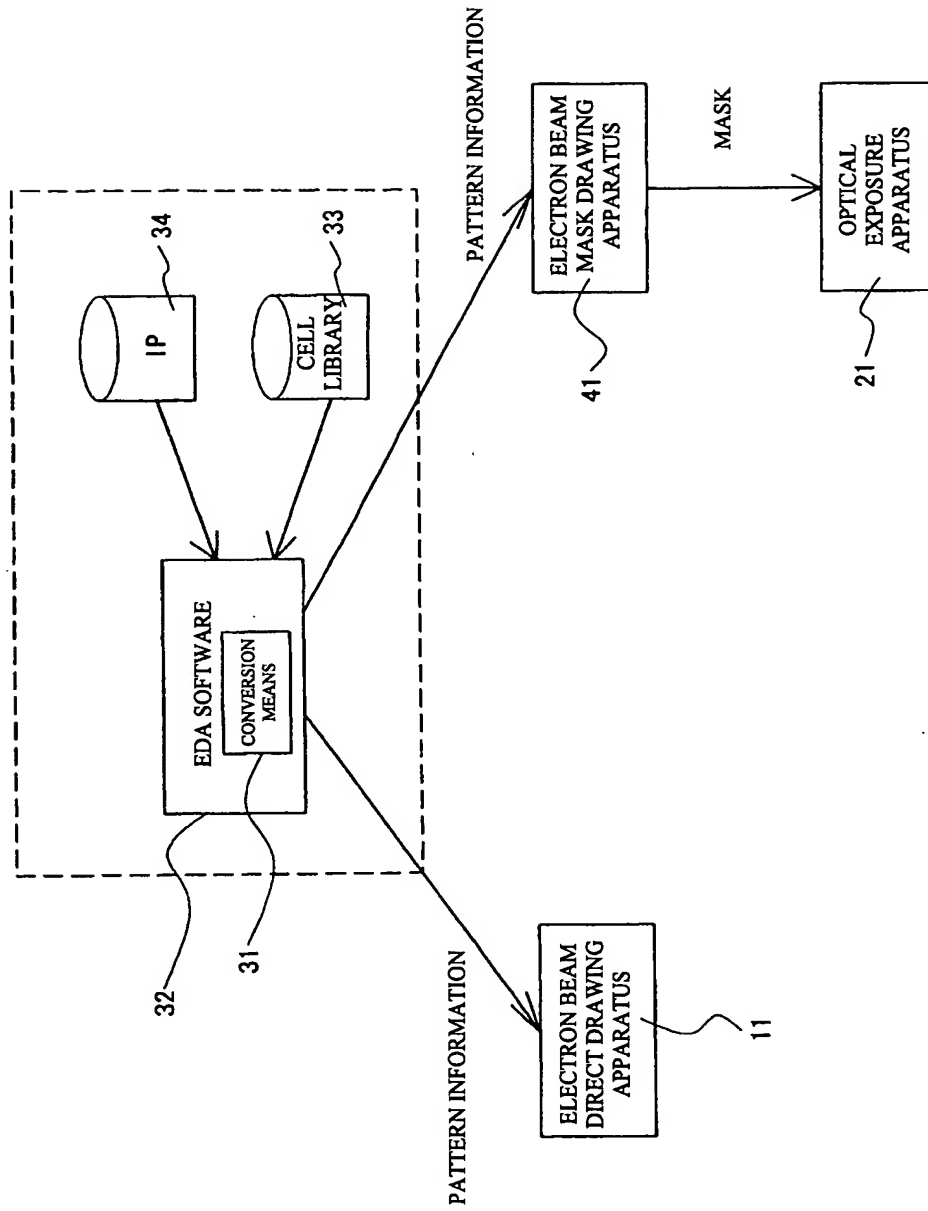


FIG. 4

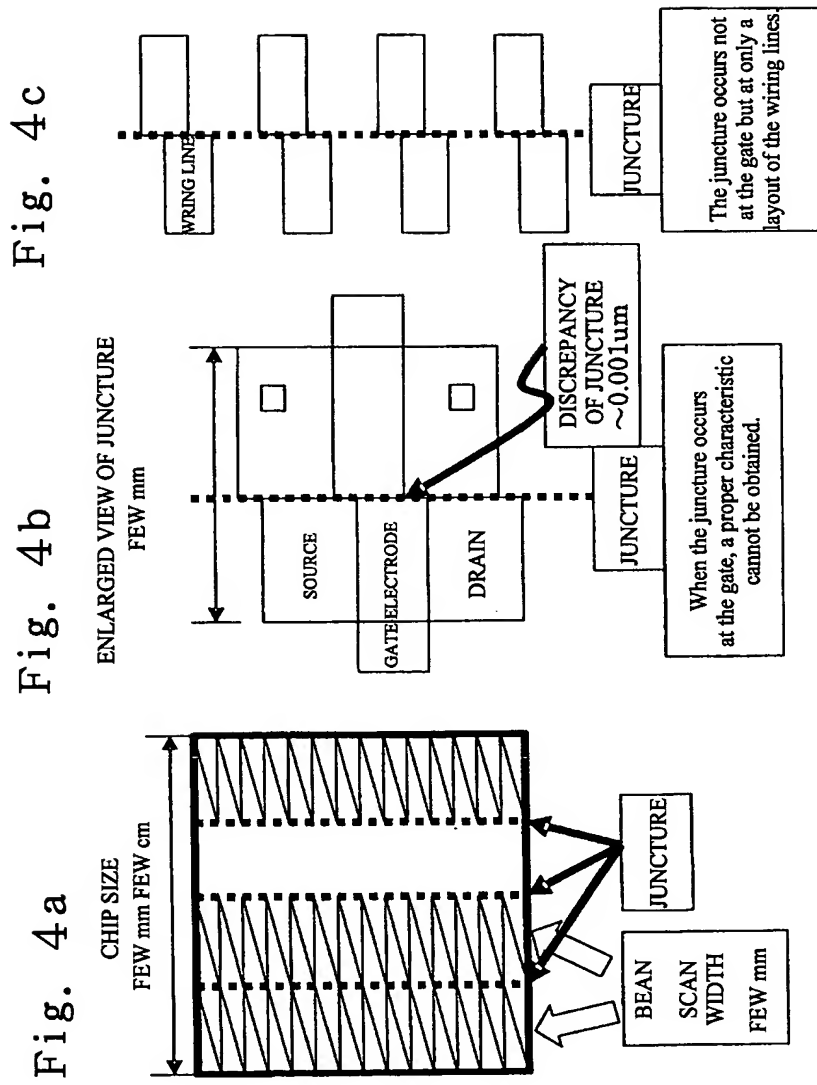


FIG.5

Fig. 5a

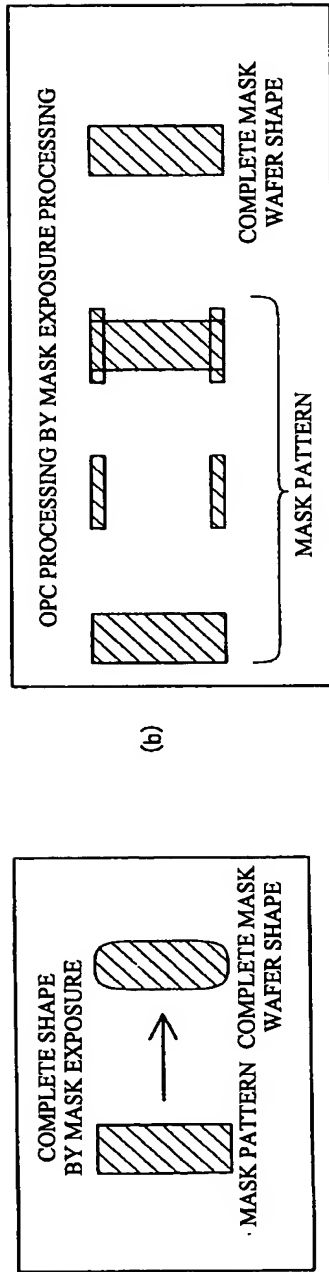


Fig. 5b

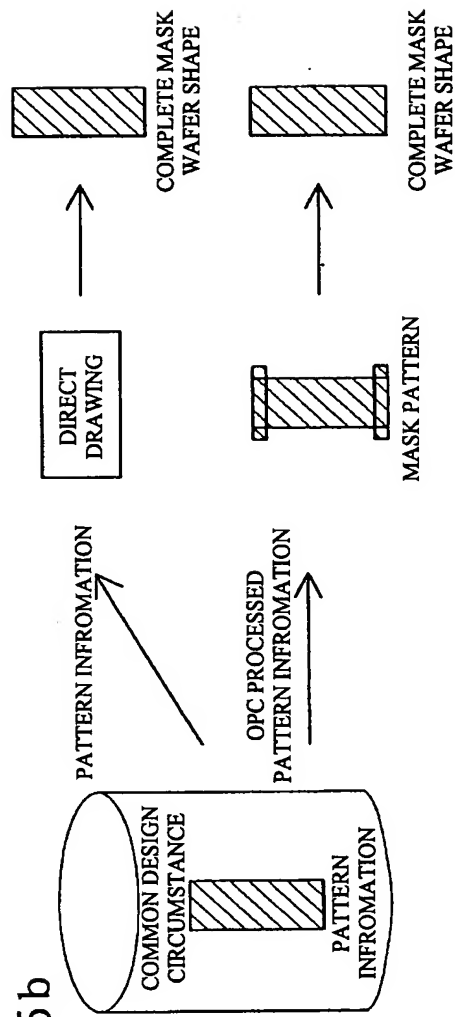


Fig. 6

	PHOTOMASK-PURPOSE (PRIOR ART) CELL LIBRARY		COMMON (MASK/DIRECT-DRAWING) CELL LIBRARY	
	CELL PATTERN SHAPE	NUMBER OF SHOTS	CELL PATTERN SHAPE	NUMBER OF SHOTS
WHOLE VIEW				
SOURCE/ DRAIN PATTERN (PATTERN COMPONENT)		3 KINDS		3 KINDS
GATE PATTERN (PATTERN COMPONENT)		3 KINDS		1 KINDS
THROUGH HOLE PATTERN (PATTERN COMPONENT)		3 KINDS		1 KINDS
WIRING LINE (AL/Cu) (PATTERN COMPONENT)		3 KINDS		1 KINDS
NUMBER OF TOTAL SHOTS	3+3+3+3=12		3+1+1+1=6	
EXPLANATION OF PATTERN				

FIG. 7

4-NAND CELL

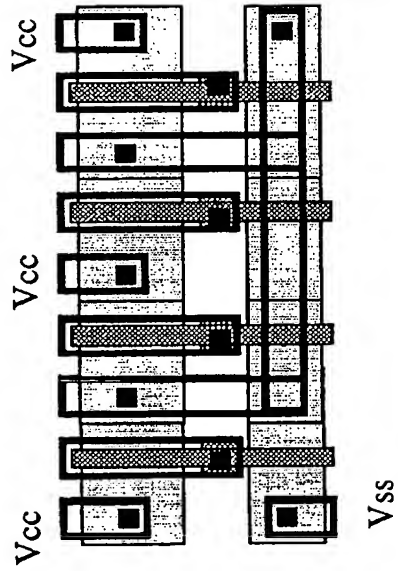


Fig. 9

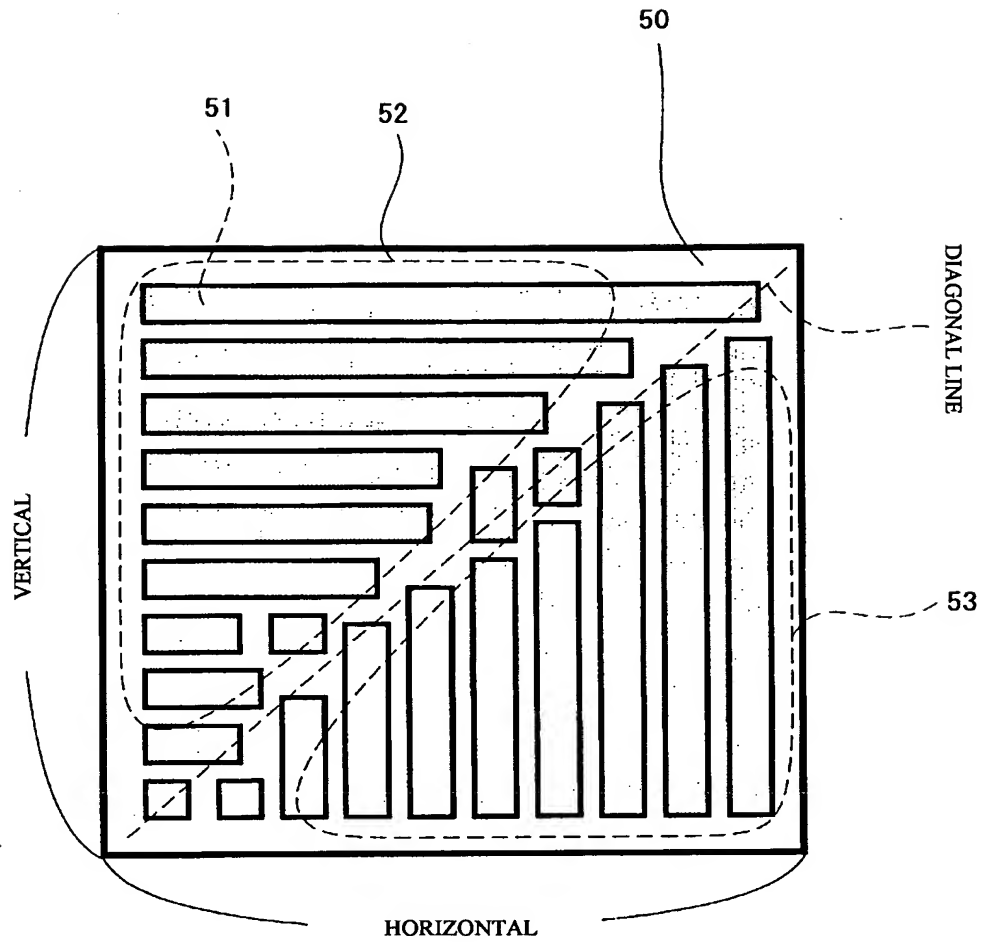


Fig. 10

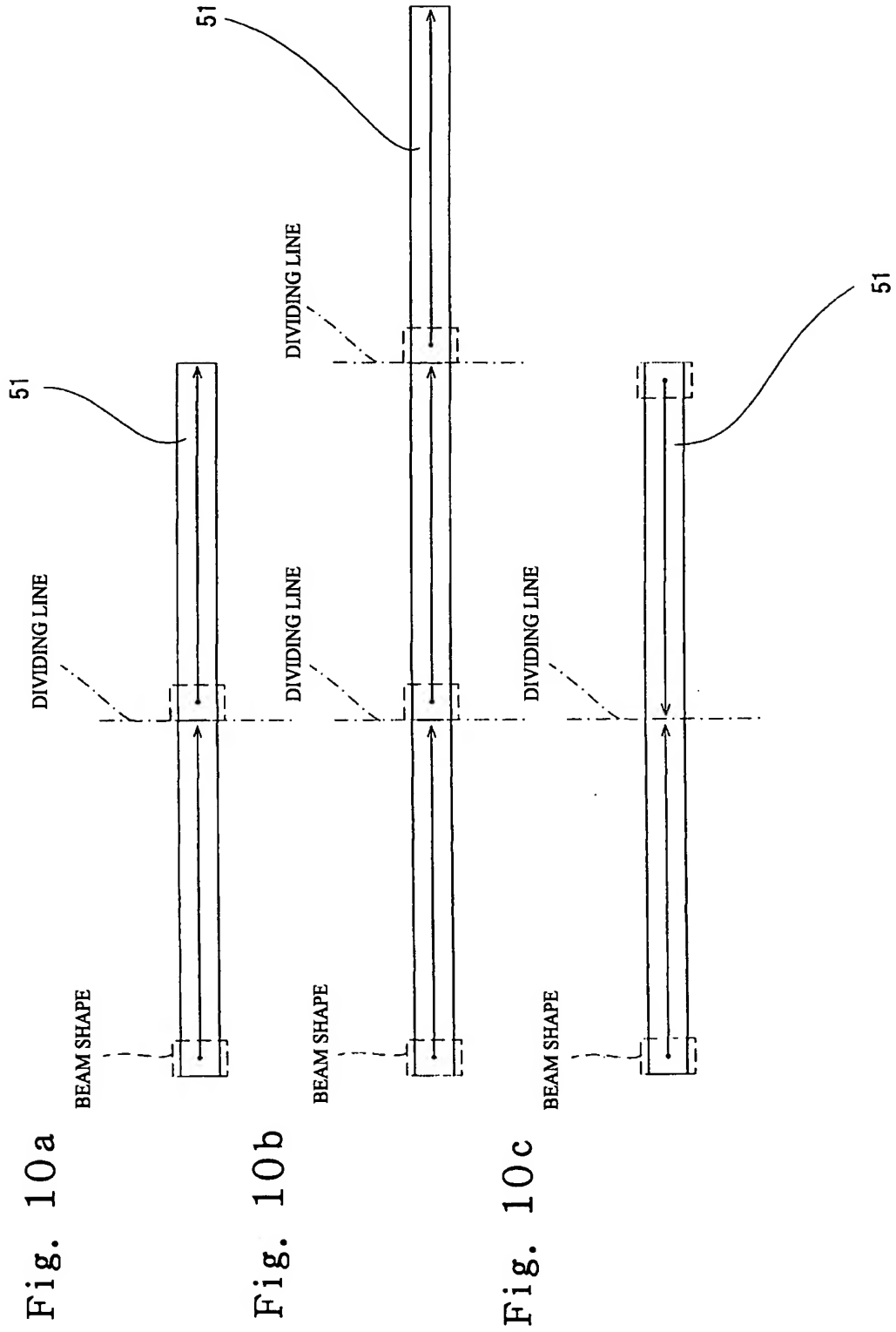


Fig. 11

PRIOR ART

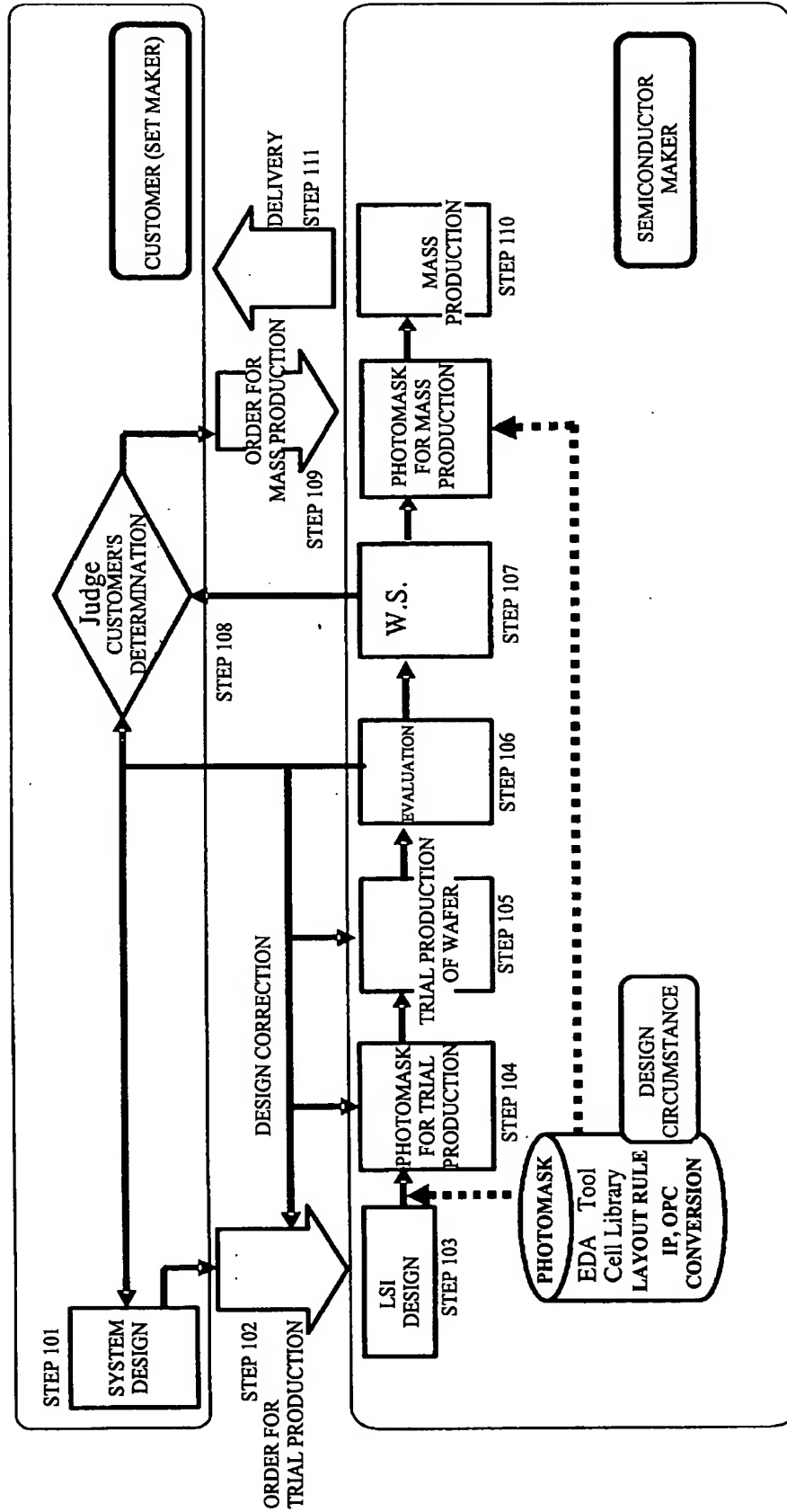


Fig. 12
PRIOR ART

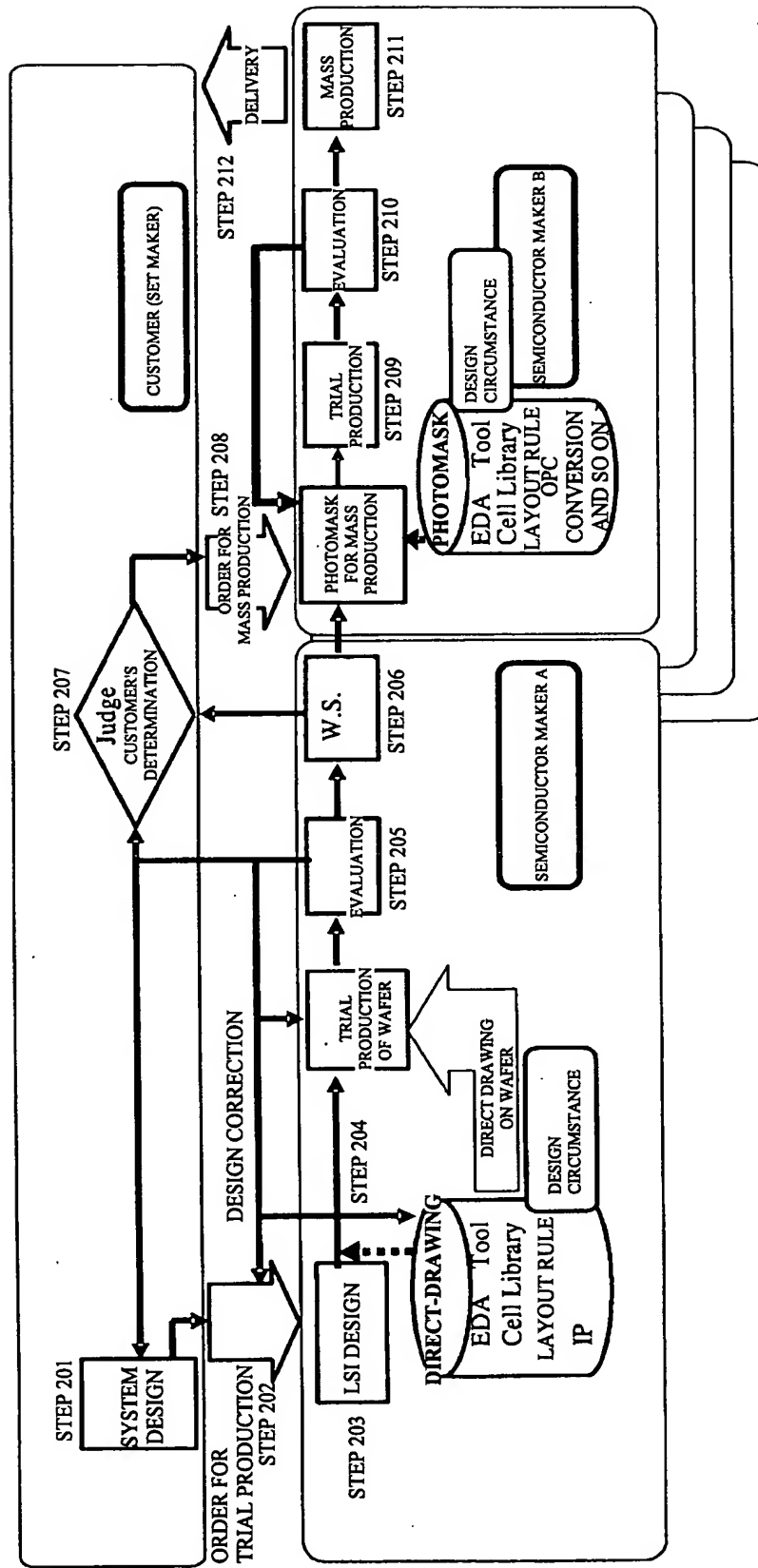


Fig. 14

PRIOR ART

